

It is Claimed:

1. An algae retardant pool cover for a pool of water, comprising:
at least one plastic film;
said plastic film containing a material for absorbing light in selected wavelengths necessary for algae growth.

2. The pool cover according to claim 1, wherein the selected wavelengths are 350-500nm and 600-700nm.

3. The pool cover according to claim 2, wherein the selected wavelengths are 410nm, 430nm, and 453nm, 642nm, and 662nm.

4. The pool cover according to claim 1, wherein the at least one plastic film includes an upper plastic film and a lower plastic film, at least one of said upper and lower plastic film containing material for absorbing light in selected wavelengths necessary for algae growth.

5. The pool cover according to claim 4, wherein the absorbent material is contained within one of said upper plastic film and said lower plastic film.

6. The pool cover according to claim 4, wherein the absorbent material is applied as an additional layer to one of said upper plastic film and said lower plastic film.

7. The pool cover according to claim 4, wherein air pockets are formed between said films to contain air and make said cover float on water.

8. The pool cover according to claim 1, wherein the absorbent material is colored in the selected wavelengths.

9. The pool cover according to claim 8, wherein the absorbent material is colored orange.

10. The pool cover according to claim 8, wherein the absorbent material is colored blue-green.

11. The pool cover according to claim 1, wherein the absorbent material is absorbent in the selected wavelengths.

12. The pool cover according to claim 7, wherein the absorbent material is at least one of sulfates, carbonates, silicates and silica.

13. An algae retardant pool cover for a pool of water, comprising:
at least one plastic film; and
means for absorbing light in selected wavelengths necessary for algae growth.

14. The pool cover according to claim 13, wherein the selected wavelengths are 350-500nm and 600-700nm.

15. The pool cover according to claim 14, wherein the selected wavelengths are 410nm, 430nm, and 453nm, 642nm, and 662nm.

16. The pool cover according to claim 13, wherein the at least one plastic film includes an upper plastic film and a lower plastic film, at least one of said upper and lower plastic film containing means for absorbing light in selected wavelengths necessary for algae growth.

17. The pool cover according to claim 16, wherein the absorbent means is contained within one of said upper plastic film and said lower plastic film.

18. The pool cover according to claim 16, wherein the absorbent means is applied as an additional layer to one of said upper plastic film and said lower plastic film.

19. A method for making an algae retardant pool cover, comprising:
providing material for absorbing light in selected wavelengths necessary for algae growth;
mixing said material into a plastic material;
forming a plastic film including said plastic material and said material for absorbing light; and
forming a pool cover from said plastic film.

20. A method of making an algae retardant pool cover, comprising:
forming a plastic film; and
applying a layer of material for absorbing light in selected wavelengths necessary for algae growth onto a surface of said plastic film.